

# Auto Manufacturers and Vendors Use Our ODV-2D Barcode Inspection System for Vast Process Improvements and Cost Reductions

## OVERVIEW



**Problem**  
High Cost of  
Production Halts



**Background**  
Supply Chain Shutdowns  
& Pricey Vendor Fines



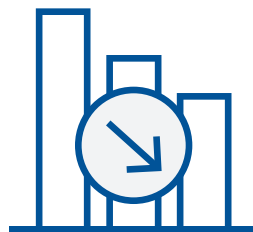
**Solution**  
Optimize Performance  
with Our ODV-2D Barcode  
Inspection Technology

Automotive industry manufacturers and vendors must keep operations moving while managing highly regulated supply chains and producing accurate barcode labels on all shipments. Costly downtime is not an option, and chargebacks inhibit efficient operations and production.



## PROBLEM High Cost of Production Halts

Imagine this scenario: An automotive manufacturing plant is an intricate and very precise process-oriented production line with extremely low tolerance for errors or disruptions, and a high cost of halting production. The automotive sector employs a complex set of procedures that encompass robotic systems, precision alignment, narrow time windows, and just-in-time parts to maintain production schedules. Production halts reverberate throughout the supply chain. Auto manufacturers and their suppliers cannot afford for operations to be setback with poor quality barcode labels.



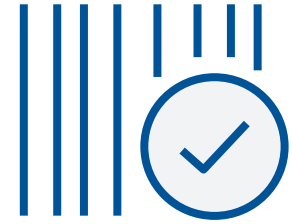
## BACKGROUND Supply Chain Shutdowns & Pricey Vendor Fines

For auto manufacturers, halting the manufacturing line is costly. The automobile manufacturer takes a direct hit, and the consequences impact the entire supply chain. Vendors facing part shortages or unreadable barcodes will have delayed production and possible shutdowns. Suppliers in the field have experienced up to triple-digit chargebacks per label, quality audits, returned goods, and loss of a contract by failing to ensure label quality. Automobile manufacturers may impose hefty chargebacks or require an audit for any supplier who fails to meet strict quality label standards.

## SOLUTION

### Optimize Performance with Our ODV-2D Barcode Inspection Technology

Selecting the right printer with integrated barcode inspection systems for your application can help you avoid chargebacks and other penalties by ensuring every label is accurate. Barcode inspection does not require you to purchase an entirely new printer either. It can easily be installed on existing Printronix Auto ID printers or added as a feature on a new Printronix Auto ID printer.



Printronix Auto ID thermal printers with ODV barcode inspection technology deploy a unique, one pass verification and validation process for barcode inspection. Printronix Auto ID enterprise printers first print labels, followed by precise inspection and grading in a single pass.

## RECOMMENDATION

### The T6000e and T8000 Enterprise Printers

Our award-winning [Printronix Auto ID T6000e](#) and high-performance [T8000](#) ODV-2D barcode inspection printers both verify and validate 1D and 2D printed barcodes, grade the labels to ISO standards, and generate a report. Our barcode inspection technology deploys a precise quality check for all barcodes and alerts you if a barcode fails with automated correction, reducing manual time and cost to fix unreadable and bad barcodes. Using our printers, if a misprinted label is created, it will immediately be retracted, overstruck, and reprinted without any necessary intervention from the operator.



T8000 ODV-2D

T6000e ODV-2D

- [T6000e RFID Enterprise Industrial Printer](#): Sets a new standard for versatility and productivity in fast-paced environments where speed and exceptional printer quality are needed.
- [T8000 Enterprise Industrial Printer](#): Our most robust printer, designed for rugged 24/7 printing requirements.

The T6000e enterprise industrial printer with barcode inspection capabilities is available with optional RFID label encoding and verification. This industry-leading capability is ideal for supply chain applications where vendors require superior barcode quality and RFID labels on their shipments. No longer are two separate machines needed to perform two completely different functions. This is a unique feature not available on any other printer currently on the market.



## CONCLUSION

### Better Barcodes, Better Business with TSC Printronix Auto ID Printers

Auto manufacturers, their vendors and other enterprise-level production facilities can improve business operations with better barcodes using Printronix Auto ID enterprise printers with barcode inspection systems.

Our exclusive ODV-2D barcode inspection technology is an affordable, fully integrated solution with the ability to print, verify, and validate 1D and 2D barcodes and comes standard on the T8000 and T6000e printers. Reduce downtime, minimize missed shipments, reduce chargebacks and supply chain disruptions, and enhance ROI with ODV barcode inspection powered by Printronix Auto ID.

**To learn more about this solution, please contact your local sales representative.**